

FUJIFILM

FINEPIX HS30 EXR



ACCESSORIES INCLUDED

Li-ion battery NP-W126
Battery charger BC-W126
Shoulder strap
USB cable
A/V cable
Lens cap and Lens cap cord
CD-ROM
Owner's manual
Lens hood

OPTIONAL ACCESSORIES

Remote release



RR-80

Shoe Mount Flash



EF-42

EF-20

Protector Filter



PRF-58 (Φ58mm)

SPECIFICATIONS

Number of effective pixels ^{*1}	16.0 million pixels
Image sensor	1/2-inch EXR CMOS with primary color filter
Storage media	Internal memory (approx. 25MB), SD/SDHC/SDXC (UHS-I) memory card ^{*2}
Lens	Fujinon 30× optical zoom lens focal length f=4.2 - 126.0 mm, equivalent to 24 - 720 mm on a 35 mm camera full-aperture F2.8 (Wide) - F5.6 (Telephoto) constitution 11 groups 15 lenses
Digital zoom	Intelligent digital zoom approx. 2.0× (up to approx. 60×, with 30× optical zoom)
Aperture	F2.8 - F11 (Wide), F5.6 - F11 (Telephoto) 1/3 EV step
Focus distance (from lens surface)	Normal: (Wide) Approx. 45 cm to infinity / 1.4 ft. to infinity, (Telephoto) Approx. 3.0 m to infinity / 9.8 ft. to infinity Macro: (Wide) Approx. 7 cm - 3.0 m / 2.7 in. - 9.8 ft., (Telephoto) Approx. 2.0 m - 5.0 m / 6.5 ft. - 16.4 ft. Super Macro: Approx. 1 cm - 1.0 m / 0.4 in. - 3.2 ft.
Sensitivity	Auto, Equivalent to ISO 100/200/400/800/1600/3200/6400*/12800* (Standard Output Sensitivity) *ISO6400: Image size M or lower, ISO12800: Image size S
Image stabilizer	CMOS shift type
Electronic viewfinder	0.26-inch, Approx. 920,000 dots, color LCD viewfinder, Approx. 100% coverage
LCD monitor	3.0-inch, Approx. 460,000 dots, TFT color LCD monitor, Approx. 100% coverage
Movie recording	1920 × 1080 pixels, 1280 × 720 pixels, 640 × 480 pixels (30 frames/sec.) with stereo sound Optical zoom function (manual) can be used.
Power supply	Li-ion battery NP-W126 (included)
Dimensions	130.6 (W) × 96.6 (H) × 126.0 (D) mm / 5.1 (W) × 3.8 (H) × 4.9 (D) in.
Weight	Approx. 687 g / 24.2 oz. (including battery and memory card)
Guide to the number of available frames for battery operation	Approx. 600 frames (AUTO mode)

^{*1}: Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.
^{*2}: Please see the Fujifilm website to check memory card compatibility.



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All sample photos are simulated images.

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For more information, please visit our Website:

http://www.fujifilm.com/products/digital_cameras/index.html

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FUJINON 30x
Manual Zoom × EXR Technology

Responsive intuitive performance



16 Megapixel BSI EXR CMOS Sensor

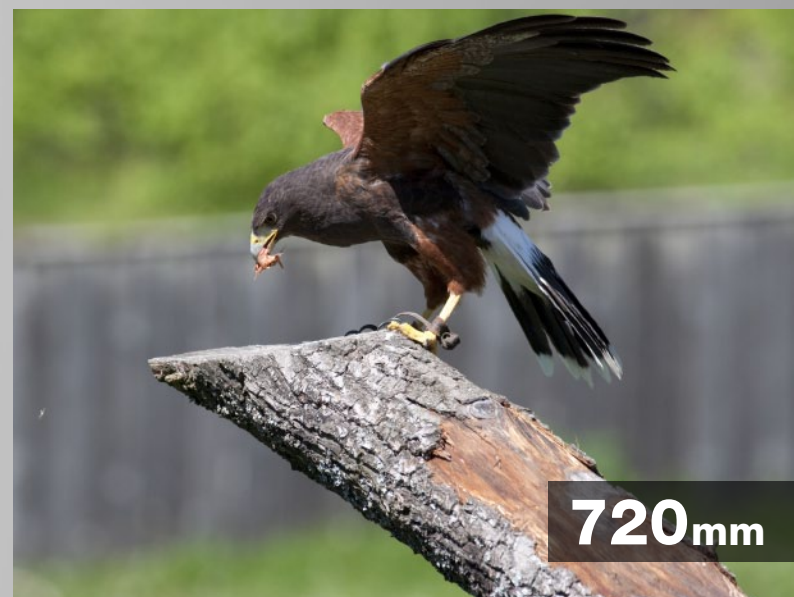
Fujinon 30x Manual Zoom (24mm - 720mm)

Clear and High Resolution EVF

FUJIFILM FINEPIX. More than you imagined.



Capture those critical moments

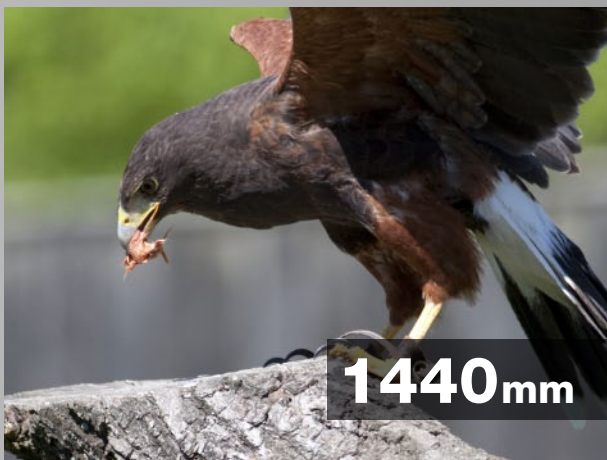


24mm – 720mm Fujinon 30x Optical Zoom and Super Macro Mode

The bright, high-precision Fujinon lens boasts a maximum aperture of f/2.8 and an optical zoom range from wide-angle 24mm to 30x telephoto, while a remarkable 1cm Super Macro Mode opens up creative opportunities right under your eyes. Producing exceptional resolution across the image plane, from the center to the edges, this lens also delivers brilliant Fujinon optical quality across the entire zoom range.

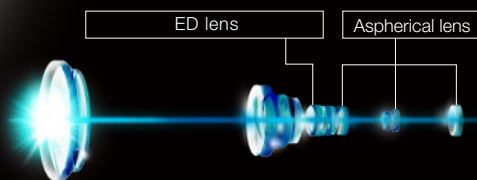
60x Intelligent Digital Zoom

Controlled by the convenient Function (Fn) button, the Intelligent Digital Zoom offers an astonishing 60x magnification power, the equivalent of a 1440mm* focal length. In addition to magnifying the image, the EXR sensor intelligently minimizes noise in flat areas and sharpens and enhances contrast in edge areas and to create natural clarity and crispness even at super-telephoto magnification. Intelligent Digital Zoom also functions in EXR AUTO mode, to guarantee you exceptional shots with minimal effort.
*Equivalent on 35mm camera



Fujinon Lens

Incorporating 15 elements in 11 groups, including 3 aspherical and one ED lens, all elements in the high-quality Fujinon 30x zoom lens have been treated with Super EBC (Electron Beam Coating) to reduce ghosting, flare, and purple fringe. This high-performance lens produces outstanding resolution with very little color blurring or distortion, resulting in images with superb clarity and color fidelity.



Manual barrel Zoom

The wide-angle 24mm to 30x telephoto optical zoom range is controlled by twisting the lens barrel, giving you speedy, intuitive control over magnification power.

Clear, High-Resolution Electronic Viewfinder

Engineered by Fujinon, the bright, incredibly sharp electronic viewfinder boasts enhanced resolution of 920,000 dots and an expanded viewing angle of 22 degrees. Perfect for tracking moving subjects in bright outdoor light, the viewfinder is equipped with an "Eye Sensor" that automatically switches the view from the LCD screen when you hold the camera up to your eye.

920k dots



Advanced Anti Blur

In EXR AUTO mode, Advanced Anti Blur selects optimum sensitivity and harnesses responsiveness of the BSI EXR CMOS sensor, using Multi Frame technology to layer four consecutive frames shot at high speed into a single, sharp, blur-free image with remarkably low noise, even at telephoto zoom settings.



EXR Technology from Fujifilm

EXR

CMOS

16-Megapixel BSI EXR CMOS Sensor

The 1/2-inch BSI (Back Side Illuminated) EXR CMOS sensor combines an impressive 16 megapixels of high-resolution image quality with exceptionally responsive performance. Fujifilm's proprietary pixel and color filter arrays enhance both vertical and horizontal resolution, the key to 3-way capture technology that ensures the best image quality for every scene. Dynamic range has been expanded to 1600%, achieving a new level of imaging performance.

The BSI structure results in improved light reception for a significant boost in sensitivity, with available settings up to ISO 12800 for S size. An optimized signal read-out configuration significantly reduces in-sensor noise, achieving a further significant reduction in signal-to-noise ratio. The CMOS format also achieves higher readout speeds and faster image processing, enabling 8fps high-speed continuous shooting at full 16-megapixel resolution.

1 Micro Lens 2 Color Filter 3 Photodiode 4 High Speed Transfer Circuit

High Resolution Wide Dynamic Range High Sensitivity and Low Noise

Light High Speed Transfer Circuit Light Photodiode

Photodiode Conventional CMOS High Speed Transfer Circuit BSI CMOS

BSI (Back Side Illuminated) CMOS

Moving wiring from the center layer to the reverse side of the sensor improves light reception, resulting in enhanced sensitivity and reduced noise.

EXR

Processor

EXR Processor

Featuring dual CPUs, an EXR Core, and a reconfigurable processor, the EXR Processor delivers outstanding power and speed, performance that comes into its own in Full HD Movies, high-speed continuous shooting, speedy auto focus and Intelligent Scene Recognition. Start-up is quicker, focusing is faster, and writing time after burst shooting has been significantly reduced.

Vector GUI

A Vector Graphics Accelerator is responsible for crisp, highly legible menus and information readouts on the graphic user interface and pleasant viewing on HDTV.

High-speed Image Search

The EXR Processor powers an array of sophisticated high-speed picture search and sorting functions.

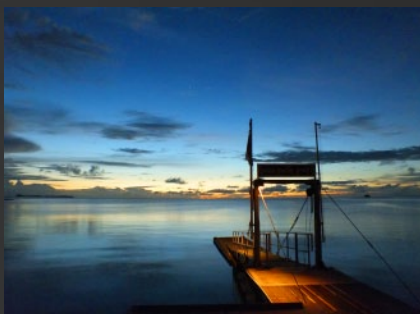


Selectable EXR-Modes



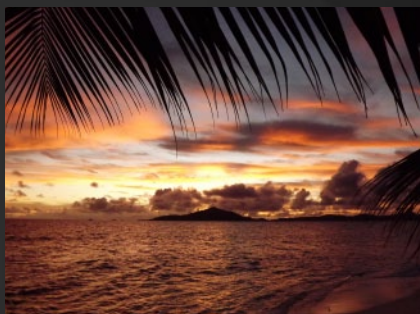
High Resolution (HR)

In good light, HR mode maximizes the full 16-megapixel resolution of the FinePix HS30EXR to reproduce even the smallest details in bright, beautiful color.



Wide Dynamic Range (DR)

Conceived for high-contrast scenes, DR mode simultaneously captures high- and low-exposure images, combining the two to produce a single image with subtle shadow detail and clean, crisp highlights.



High Sensitivity & Low Noise (SN)

SN mode maximizes high-sensitivity to capture smooth texture and natural brightness with minimal noise when shooting in low light, indoors or at night.

EXR Auto

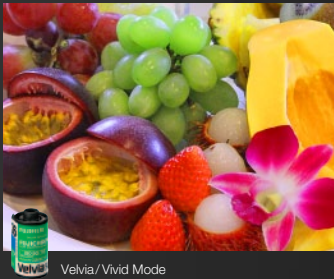
With the addition of Motion Detection, Intelligent Scene Recognition technology in EXR Auto mode automatically recognizes and optimizes white balance, focus, exposure and other settings for a total of 103 shooting patterns. In addition to recognizing the shape and color of scenes, the camera also calculates available light and determines whether a person is present, giving you exceptional photos in almost every conceivable situation.



Film Simulation Modes

Simulate the distinctive look of Fujifilm color films loved by professional photographers: the natural tones of PROVIA, the distinctive saturation and vibrant colors of Velvia, or the smooth tonality and skin tones of ASTIA. Black & White and Sepia modes can also be selected.

- PROVIA/Standard Mode
- Velvia/Vivid Mode
- ASTIA/Soft Mode
- Black & White Mode
- Sepia Mode



Full 1080p HD Movies

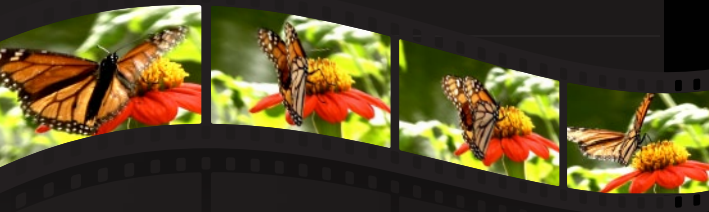
With the ability to shoot full HD video (1920 x 1080p; 30fps/H.264 High Profile) with impressive stereo sound, the FinePix HS30EXR doubles as a high-performance video camera. Improved continuous auto focus is enhanced by facial recognition, to ensure the people in your movies are in focus and properly exposed. Movie scene recognition optimizes settings to take the guesswork out of movie making. The H.264 (MOV) file format combines high quality video with a small file size, for effortless editing on a PC.

HD Movie + EXR High Sensitivity

The EXR CMOS sensor maximizes high-sensitivity performance to capture stunning movies, even in challenging lighting conditions.

HD Movie + 30x Manual Zoom

From 24mm wide-angle to 720mm telephoto, dynamic zoom effects add impact to your movies. In addition to responsive auto focus, a manual focus option lets you fine-tune any scene.



HD Movie + Film Simulation

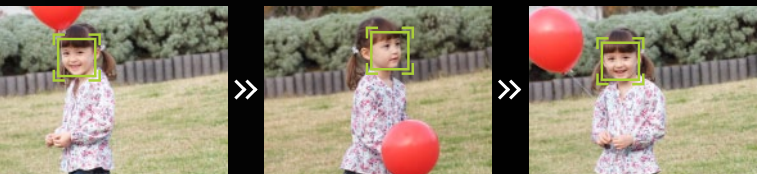
Add atmospheric effects to your movies with a choice of Film Simulation modes, including black & white and sepia.

HD Movie + HDMI port

A built-in HDMI port makes it easy to show movies and photos on your widescreen HDTV.* *HD cable required

Face Tracking Auto Focus

Face Detection couples with Tracking Auto Focus for new ways of capturing great people pictures, even when those people won't stop moving. Face Detection optimizes focus and exposure to ensure bright, clear faces, while Tracking Auto Focus maintains sharp focus on moving subjects. The result is attractively exposed, well-focused photos.



High-speed Performance

High-speed Auto Focus

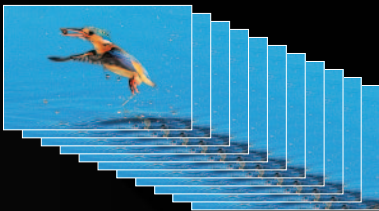
Focusing in as little as 0.16 seconds,* high-speed auto focus ensures that every frame is sharp and clear, even when shooting burst sequences. *Fujifilm research

Responsive Start-up and Processing Performance

Thanks to the powerful EXR processor, the FinePix HS30EXR wakes in approximately 0.8 seconds.* In addition to quick start-up and faster focusing, waiting time after continuous shooting sequences has been reduced by as much as half compared to conventional models. That means the HS30EXR is ready to go back to work almost immediately. *In QUICK mode

High-speed Continuous Shooting

Capture the action at 8 fps in full 16-megapixel resolution. At 8-megapixels (M size), burst sequences can be shot at 11 fps. Each frame can be viewed as a single shot or the entire burst sequence can be viewed in a separate window.



Functions & Features

600
FRAMES

Long-life Li-ion Battery

Capable of capturing 600 frames on a single charge, the long-life Li-ion battery lets you keep on shooting long after most cameras have run out of power.

Quality Materials

The grip is covered in the kind of non-slip rubber usually found on high-end DSLRs, while the body is encased in rubber-textured coating that creates a quality feel.

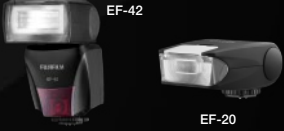
Mode Dial (M/A/S/P)

Permits quick and easy selection of automatic and manual exposure settings.



TTL Flash-ready

A hot-shoe accommodates an auxiliary TTL flash. Among the options are the ultra-compact EF-20 with a bounce function of up to 90 degrees and the lightweight EF-42, which can swivel 90 degrees up, 180 degrees left, and 120 degrees right



Electronic Viewfinder (EVF) with “Eye Sensor” and Horizon Level

The bright, incredibly sharp electronic viewfinder boasts enhanced resolution of 920,000 dots and an expanded viewing angle of 22 degrees. Hold the camera up to your eye and the “Eye Sensor” automatically switches from the LCD to the viewfinder. A line display in the viewfinder helps you align your composition with the true horizon.



Angled Mode and Command Dials

The ergonomically angled mode and command dials put camera controls at your fingertips.

Movie REC Button

A touch of the button immediately switches into full HD video (1080p; 30fps/H.264 High Profile).

Function Button

A convenient Fn button can be programmed to act as a short-cut to frequently used functions; among the 10 functions that can be assigned are RAW, Film Simulation, and image quality modes.

High-contrast LCD with Sunlight Mode

The high-contrast (1:1100), high-resolution 3.0-inch LCD screen features Sunlight Mode for clear viewing, even in bright outdoor conditions.

3.0-inch, High-resolution Tilt-LCD Screen

The 3.0-inch, 460,000-dot LCD screen tilts to provide flexible viewing options for both high (45° downward angle) and low (90° upward angle) shooting positions.



Histogram Display

Enthusiasts will appreciate real-time confirmation of brightness levels and exposure settings.



Super-Intelligent Flash

In AUTO flash mode, this next-generation flash system eliminates flash washout, making it easy to capture subjects and background in bright, natural detail over the entire flash range, including macro shots.

Easy Access Memory Slot

A flip-open compartment on the right side of the body facilitates easy access to the SD/SDHC/SDXC card slot, even when the camera is mounted on a tripod.

RAW SILKYPix

In addition to default JPEG file format, the HS30EXR also offers the option of RAW or RAW + JPEG image formats. SILKYPix viewer and RAW conversion software is included for effortless management and conversion of RAW image data on your PC.

Optional Accessories

Optional Remote Shutter Release

Remote shutter release lets you avoid blur in long-exposure shots and other situations susceptible to blur caused by manual shutter release.

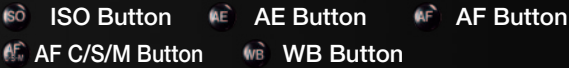
Lens Filters

The HS30EXR is compatible with genuine Fujifilm 58mm Protector Filter PRF-58 and other commercially available 58mm filters.



Direct Shooting Command Buttons

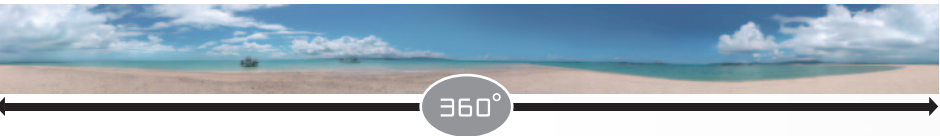
Access and adjust camera settings and controls with a row of buttons conveniently located to the left of the LCD.



Other Features

Motion Panorama 360°

Set the Mode Dial to Panorama Mode, hold the camera vertically or horizontally and slowly sweep it right or left, up or down. A yellow line displayed on the LCD guides you as you rotate. The EXR Processor stitches the resulting images into a seamless full 360-degree panorama.



3D Mode (Individual Shutter 3D)

Two exposures of the same scene are saved in MPO (Multi-Picture Format) to create convincing images that appear to have been shot in real 3D. An overlapping guide on the LCD screen makes it easy to position the exposures, so even a novice can create impressive 3D effects. Fujifilm’s proprietary high-resolution 3D print system produces natural, beautiful 3D prints from images captured with the HS30EXR.



Date Stamp

Shooting date and time can be embedded in the image files.

Multiple Exposures

Multiple exposure function lets you superimpose two different exposures in a single frame to create artful, one-of-a-kind photos.



Pro Low-light Mode

In low light situations, Pro Low-light Mode uses multi-image capture technology and the enhanced sensitivity, speed and resolution of the BSI EXR CMOS sensor to capture four exposures of the same scene and combine them into a single 8-megapixel image with amazing brightness and clarity and less noise than ever before.

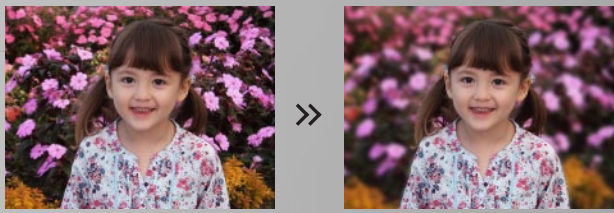
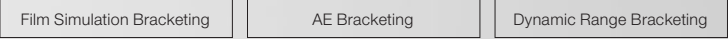
Pro Focus Mode

This focus-bracketing mode reproduces the attractive defocused background “bokeh” look of a DSLR when shooting portraits or macro subjects.* A single press of the shutter takes an initial exposure focused on the main subject, followed by additional exposures at different focus points. The resulting photo is a sharply-focused subject against a soft, out-of-focus background.**

*There must be sufficient distance between the subject and the background.
**Except for subjects where focus bracketing is unable to produce sufficient defocus.

Auto Bracketing Functions

Three auto bracketing functions help ensure exceptional image quality and expand your range of photographic expression.



Conventional Digital Camera FinePix HS30EXR

